Peak District National Park

Forecast valid from 00:00 on Thursday 21 Apr 2022 until 23:59 on Friday 22 Apr 2022

Forecast Issued on Wednesday 20 Apr 2022 at 14:53

Confidence: High for mostly fine and dry conditions in the coming days along with strong winds at times. Moderate for overnight and early morning cloud amounts.

Headline for Thursday 21 Apr 2022: Dry and often sunny, but windy again on hilltops.

Mountain weather hazards on Thursday 21 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Sunny intervals	Sunny	Sunny intervals	Sunny intervals	Sunny	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 21 Apr 2022

Weather: Dry, partly cloudy and becoming chilly overnight with strong winds over hilltops. Remaining dry and breezy through the day, some patchy cloud developing by the afternoon, but clearing again during the early evening. Patches of low cloud may affect mainly eastern slopes from mid-evening onwards, however, it will stay dry.

Chance of cloud-free hill tops above 600m: Greater than 95%, becoming 70% from mid-evening.

Low cloud and visibility: Good or very good, with distant hills easily visible. A chance of poor visibility in patchy cloud above around 400-500m from mid-evening.

Forecast for Thursday 21 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 E	19/28 E	18/26 E	18/26 E	20/29 E	21/32 E	20/30 E	20/28 NE	22/32 NE
300	11/20 E	10/15 NE	10/16 NE	14/21 E	17/27 E	17/28 E	15/24 E	14/23 NE	18/29 NE
Valley	13/25 E	14/25 E	13/27 E	13/24 E	14/27 E	15/29 E	13/26 E	10/23 NE	14/30 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	4/-1	3/-2	6/1	9/6	10/6	8/3	4/-2	2/-4
300	6/2	5/1	5/2	9/6	12/9	13/10	11/8	6/3	5/0
Valley	6/2	6/2	6/2	10/7	14/11	14/11	12/9	7/4	6/2
Freezing Level*	1300m	1300m	1300m	1300m	1400m	1500m	1400m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun protection advised with Moderate or perhaps High UV levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 20 Apr 2022	0mm	0mm	0mm

Forecast for Friday 22 Apr 2022

Weather: Dry during the night, again with strong winds and a chance of gale force gusts over the highest summits. Low cloud increasingly obscuring hilltops. A rather grey and cloudy start to the morning, but cloud soon lifting and breaking to bright or sunny spells. Remaining dry through the afternoon, then cloud thickening and lowering again into the evening. Staying windy, with a low risk of gales on the highest peaks.

Maximum wind: Northeast 30mph, gusting 45-50mph.

Chance of cloud-free hill tops above 600m: 70% becoming 30% overnight. Increasing to greater than 95% from mid-morning. Decreasing to 60% from mid-evening.

Low cloud and visibility: Poor visibility in hill fog with cloud developing fairly extensively (especially in the east) in the early hours until mid-morning; bases 400-500m. A chance of hill fog patches from late evening above around 500m. Otherwise very good visibilities.

Temperature: **Valleys:** Plus 6 increasing to Plus 14 Celsius.
At 600m: Plus 3 increasing to Plus 8 Celsius.
Freezing level: Above summits.